

## CHAPTER 74-03-13 SPECIFIC CROP REQUIREMENTS - DRY FIELD BEANS

### Section

74-03-13-01	Land Requirements
74-03-13-02	Field Inspection
74-03-13-03	Field Standards
74-03-13-04	Seed Standards

**74-03-13-01. Land requirements.** A crop will not be eligible for certification if planted on land that was in any class of dry field beans or green beans the preceding two years or soybeans the preceding year.

**History:** Amended effective May 1, 1986; July 1, 2010; October 1, 2012.

**General Authority:** NDCC 4.1-53-11

**Law Implemented:** NDCC 4.1-53-11, 4.1-53-42

**74-03-13-02. Field inspection.** Two field inspections shall be made. The first when approximately seventy-five percent of the plants are flowering. The second when approximately seventy-five percent of the pods are showing maturity.

**History:** Amended effective May 1, 1986.

**General Authority:** NDCC 4.1-53-11

**Law Implemented:** NDCC 4.1-53-11, 4.1-53-42

### **74-03-13-03. Field standards.**

- 1. Isolation.** Prior to inspection, a field must be isolated from inseparable crops by a fence row, natural boundary, or by a strip of at least five feet [1.52 meters] wide which is either mowed, sprayed, or uncropped.
- 2. Specific field standards.**

Factor	Foundation	Maximum Tolerance	
		Registered	Certified
Other varieties or classes *	.01 percent	0.05 percent	0.1 percent
Inseparable other crops	none	none	none
Prohibited noxious weeds **	none	none	none
Objectionable weeds ***	none	none	none
Bacterial bean blights +	.01 percent	.05 percent	.1 percent
Anthrachnose	none	none	none
Wilt	none	none	none
Common bean mosaic	none	0.5 percent	1.0 percent

\* Other varieties shall not include variants characteristic of the variety.

- \*\* Prohibited noxious weeds include only field bindweed, leafy spurge, yellow starthistle, and Russian knapweed. The tolerance for prohibited or objectionable weeds, or both, will be determined by the inspector.
- \*\*\* Objectionable weeds include nightshade species and cocklebur.
- + 1. The grower shall isolate and not harvest within a one hundred-foot [30.5-meter] radius of all staked (flagged) plants. A grower must leave in place any stakes or flags by plants with blight-infected pods. The inspector may recheck the field to ensure that these blighted areas were not harvested. Failure to leave the rejected area will result in total field being rejected.
- 2. Areas to be isolated must be mapped out on field inspection report.

**History:** Amended effective May 1, 1986; May 1, 1988; December 18, 1989; August 1, 1991; September 1, 2002; January 1, 2005; January 2, 2006; July 1, 2010; October 1, 2012.

**General Authority:** NDCC 4.1-53-11

**Law Implemented:** NDCC 4.1-53-11, 4.1-53-42

#### **74-03-13-04. Seed standards.**

Seed count required on dry field beans.

Factor	Standards for Each Class		
	Foundation	Registered	Certified
Pure seed (minimum)	98.5 percent	98.5 percent	98.5 percent
Inert matter (maximum)*	1.5 percent	1.5 percent	1.5 percent
Total weed seeds (maximum)	none	none	2 per pound
Other varieties or classes	0.01 percent	0.05 percent	0.1 percent
Other crops (maximum)	none	none	1 per 2 pounds
Prohibited noxious weed seeds	none	none	none
Objectionable weed seeds**	none	none	none
Germination (minimum)	no standard	85.0 percent	85.0 percent
Bacterial blight test***	pass	pass	pass
Anthrachnose***	none	none	none

\* Foreign matter other than broken seed may not exceed 0.50 percent.

\*\* Objectionable weed seeds include those of buckhorn, dodder, hedge bindweed (wild morning glory), hoary alyssum, horsenettle, quackgrass, wild oats, wild vetch species, giant foxtail, wild radish, nightshade species, and cocklebur.

\*\*\* The grower is responsible for having a bacterial blight test and anthracnose test, performed by a seed department-approved laboratory, on the harvested seed of each field of dry field beans. If seed from more than one field is commingled prior to testing, a bacterial blight test and anthracnose test must be performed on each separate seed lot. Lot size is restricted to two thousand bushels.

A seed treatment to reduce surface bacterial contamination of the seed coat is recommended.

**History:** Amended effective May 1, 1986; December 18, 1989; August 1, 1991; September 1, 2002; January 2, 2006; July 1, 2010; October 1, 2012.

**General Authority:** NDCC 4.1-53-11

**Law Implemented:** NDCC 4.1-53-11, 4.1-53-42